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(71) Applicant (for all designated States except US): **EATON CORPORATION** [US/US]; Eaton Center, 1111 Superior Avenue, Cleveland, OH 44114 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HEATHCOTE,**

Ian [GB/GB]; 133 John Street, Biddulph, Stoke on Trent, Staffordshire ST8 6HP (GB). **JACKSON, Graeme, Andrew** [GB/GB]; 20 Greensmithway, Westhoughton BL5 3BR (GB).

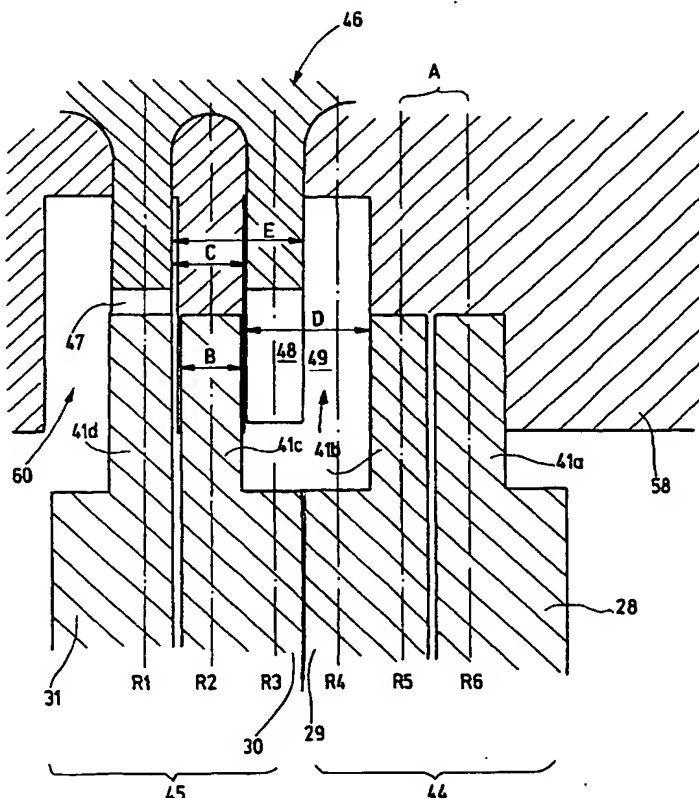
(74) Agent: **ABEL, Thomas**; Rüger, Barthelt & Abel, Weber-gasse 3, 73728 Esslingen (DE).

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(54) Title: **GEARSHIFT APPARATUS FOR MULTI-GEAR TRANSMISSIONS**



(57) Abstract: A gear selection mechanism with three, four or more shift rails (28-31) has a shift rail selector element (46) for axially moving a selected shift rail. The shift rails are provided with cutouts (42a-42d), which form a course through which the shift rail selector element can move. Two tongues (47, 48) of the selector element are located in the shifting course. The cutouts in the shift rails are laterally spaced apart from each other such that one of the tongues of the forked shift rail selector element can only come into engagement with respectively one shift rail. Adjoining cutouts are either arranged so close together that a cutout is placed into the space between the tongues while one of the tongues is in engagement with the other cutout, or that one cutout is located outside of the fork formed by the tongues, while one of the tongues is in engagement with a cutout.

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